



SHRAPNEL®

BIOLOGICAL SUPPORT

A selective herbicide containing phenmedipham for post-emergence use on annual broad-leaved weeds in sugar beet.

ADAMA found the mixtures outlined in the table below to be biologically compatible.



Application Timing/Recommended Dose (L/kg/ha)

	Pre-emergence	Crop emergence BBCH 09	From fully expanded cotyledon T1 at crop stage BBCH 10 to 12	+7-10 days BBCH 12 to 16	+7-10 days BBCH > 16
SHRAPNEL® (+/- Oil)	-	1.0	1.0	1.0	-
SHRAPNEL® (+/- Oil)	-	-	1.0	1.0	1.0
SHRAPNEL® + GOLTIX® 70SC (+/- Oil)	-	0.75 + 1.0		1.0 + 1.66 +	1.25 + 1.66 +
SHRAPNEL® + GOLTIX® 70SC (+/- Oil)	-	-	1.0 + 1.66 +	1.0 + 1.66 +	1.0 + 1.66 +
SHRAPNEL® + GOLTIX TITAN® (+/- Oil)	3.0	-	1.0 + 1.0	1.0 + 1.0	1.0 + 1.0
SHRAPNEL® + GOLTIX TITAN® (+/- Oil)	-	-	1.0 + 2.0	1.0 + 2.0	1.0 + 2.0
SHRAPNEL® + Safari Lite + Goltix Flo/Bettix Flo (+/- Oil)	-	-	1.0 + 187g + 0.5	-	1.0 + 280g + 0.5
SHRAPNEL® + Safari Lite (+/- Oil)	-	-	1.0 + 280g	1.0 + 280g	1.0 + 280g
SHRAPNEL® + Venzar + Goltix Flo/Bettix Flo (+/- Oil)	-	-	1.0 + 0.4 + 0.75	1.0 + 0.4 + 0.75	1.0 + 0.4 + 0.75
SHRAPNEL® + Debut + Venzar + Goltix Flo/Bettix Flo (+/- Oil)	-	-	-	-	1.0 + 30g + 0.4 + 0.5
SHRAPNEL® + Debut + Venzar (+/- Oil)	-	-	1.0 + 20g + 0.4	1.0 + 20g + 0.4	1.0 + 30g + 0.4
SHRAPNEL® + Venzar (+/- Oil)	-	-	1.0 + 0.2	1.0 + 0.4	1.0 + 0.4
SHRAPNEL® + Debut (+/- Oil)	-	-	1.0 + 20g	1.0 + 20g	1.0 + 30g
SHRAPNEL® + Dow Shield 400 (+/- Oil)	-	-	1.0 + 0.25	1.0 + 0.25	1.0 + 0.25
SHRAPNEL® + Goltix Flo + Dow Shield 400 (+/- Oil)	-	-	-	-	1.0 + 1.0 + 0.25

SHRAPNEL®, GOLTIX® 70SC and GOLTIX TITAN® are registered trademark of the ADAMA group. Debut, Venzar 500 SC and Safari Lite WSB are trademarks of FMC Agro Ltd. Bettix Flo is a trademark of UPL Europe Ltd. Dow Shield 400 is a trademark of Dow Agrosciences Ltd. (Corteva). SHRAPNEL® contains 320g/L phenmedipham. Use plant protection products safely. Always read the label and product information before use. For further product information, including warning phrases and symbols, refer to www.adama.com/uk or call The Technical Helpline on 01635 876 622.



SHRAPNEL[®]

TANK MIXES

2-Way Mixes

The following tank mixes have been tested under continuous agitation for physical compatibility with SHRAPNEL[®] and will mix at recommended rates. Those products or mixes highlighted in **bold** have been tested in field trials and are supported biologically.

Herbicides

Bettix Flo	Efeckt	Fusilade Max	Oblix 500	Venzar 500SC
Debut	Ethefol	Goltix 70SC	Safari Lite WSB	Goltix Titan
Dow Shield 400	Falcon	Leopard 5EC	Torero	Powertwin

Adjuvants

Cropspray 11E	Phase II	Spraymate	Toil
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Micro-Nutrients

CoRoN

The following tank mixes have been tested under continuous agitation for physical compatibility with SHRAPNEL[®] and will mix at recommended rates. Those products or mixes highlighted in **bold** have been tested in field trials and are supported biologically.

3-Way Mixes

Bettix Flo + Debut	Debut + Oblix 500	Safari Lite WSB + Goltix 70SC
Bettix Flo + Dow Shield	Debut + Venzar 500SC	Torero + Debut
Bettix Flo + Efeckt	Dow Shield 400 + Safari Lite WSB	Torero + Dow Shield 400
Bettix Flo + Ethefol	Goltix 70 SC + Leopard 5EC	Torero + Falcon
Bettix Flo + Falcon	Goltix 70SC + Debut	Torero + Leopard 5EC
Bettix Flo + Leopard 5EC	Goltix 70SC + Dow Shield 400	Venzar + Goltix 70SC
Bettix Flo + Oblix 500	Goltix 70SC + Efeckt	Venzar 500SC + Falcon
CoRoN + Torero	Goltix 70SC + Ethefol	Venzar 500SC + Leopard 5EC
Debut + Efeckt	Goltix 70SC + Falcon	
Debut + Ethefol	Goltix 70SC + Oblix 500	

4-Way Mixes

Debut + Dow Shield + Venzar 500SC	Debut + Goltix 70SC + Venzar 500SC
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5-Way Mixes

Goltix Titan + Falcon + Powertwin + Tepekki*

*Physically compatible although ADAMA would advise against the mixing of insecticides with herbicides.

When using tank mixes always follow the statutory conditions of all tank mix partners. Physical compatibility tests check that the products will mix and are suitable for application through a conventional sprayer and may not be approved tank mixes. These tests do not check for any adverse crop effects or the biological efficacy of the individual products when applied in a tank mix. ADAMA Agricultural Solutions UK Ltd gives no warranty and accepts no liability in respect of physical compatibilities and use is at growers own risk. GOLTIX TITAN[®] is a registered trademark of the ADAMA group. GOLTIX TITAN[®] contains 40g/L (3.4% w/w) quinmerac and 525g/L (45.1% w/w) metaxifluor. Use plant protection products safely. Always read the label and product information before use. For further product information, including warning phrases and symbols, refer to www.adama.com/uk or call The Technical Helpline on 01635 876 622.

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